



Mesa Biological Indicators

ProSpore 1 ml and MagnaAmp Liquid Self-Contained Biological Indicators (SCBI)

This document refers to ProSpore 1mL liquid SCBIs of *Geobacillus stearothermophilus*, reference #7953, made by Mesa's Omaha, Nebraska Manufacturing Facility in comparison to Mesa's equivalent replacement product MagnaAmp liquid SCBIs of *Geobacillus stearothermophilus*, reference #7953, made by Mesa's Bozeman, Montana Manufacturing Facility.

General Characteristics:

ProSpore 1ml	Specifications	MagnaAmp
		
Omaha, NE	Manufacturing Location	Bozeman, MT
PS1-6-15, PS1-6-100 or PS1-660NC	Catalog #(s)	MA/6
1.0x10 ⁶ – 4.0x10 ⁶	Population Range	1.0x10 ⁶ – 5.0x10 ⁶
PS1-5-15, PS1-5-100 or PS1-560NC	Catalog #(s)	MA/5
1.0x10 ⁵ – 4.0x10 ⁵	Population Range	1.0x10 ⁵ – 5.0x10 ⁵
PS1-4-15, PS1-4-100 or PS1-460NC	Catalog #(s)	MA/4
1.0x10 ⁴ – 4.0x10 ⁴	Population Range	1.0x10 ⁴ – 5.0x10 ⁴
10.9mm x 68.5mm	Dimension (Width x Height)	10.7mm x 68.0mm
15ct,100ct or 50ct w/NC	Packaging Configurations	50ct w/NC
7953	Cell Line Number	7953
1.5-3.0 minutes	D-value Range	≥ 1.5-minutes
18 months	Shelf-Life	18 months
55-60°C	Incubation Temperature	55-60°C
48 hours	Incubation Time	48 hours
I 1510	Compatible Mesa Incubator	I 1510
Purple to Yellow	Media Color Change	Purple to Yellow
USP, ISO 11138-1, ISO 11138-3	Compliance	USP, ISO 11138-1, ISO 11138-3

Product Comparison

Product Comparison

Product Lot Comparison:

Product Characteristic	ProSpore 1ml			MagnaAmp		
	Lot Number			Lot Number		
	PS 259	PS 268	PS 278	MA-240	MA-260	MA-267
Population Per Ampoule	2.6x10 ⁶	2.0x10 ⁶	2.4x10 ⁶	1.4x10 ⁶	2.3x10 ⁶	1.8x10 ⁶
Steam D-value at 121°C In Minutes	1.5	1.7	2.0	2.1	1.7	2.0
Steam Survival Time at 121°C In Minutes	6.6	7.3	8.8	8.81	7.4	8.4
Steam Kill Time at 121°C In Minutes	15.6	17.5	20.8	21.52	17.7	20.3
Steam z-value	Determined based on D-values at 118°C, 121°C and 124°C			Determined based on D-values at 121°C, 124°C and 127°C		
	7.1	7.9	8.9°C	8.2°C	8.6°C	8.5°C

Based on a product comparison and review of best practices, the MagnaAmp liquid SCBIs manufactured by Mesa's Bozeman, Montana facility are equivalent to ProSpore 1ml liquid SCBIs manufactured by Mesa's Omaha, Nebraska facility.

We acknowledge that some customers may need to perform a validation on the Bozeman manufacturing facility's equivalent product. If you anticipate you will need product to validate this change please contact our Customer Service group to be put on our list for validation shipments.

The ordering information associated with these products, during and post transition, shall be as follows:

During Transition

Ordering Information	
Telephone	303-987-8000 Ext. 10030
Fax	402-593-0995
Email	bicustomerservice@mesalabs.com

Post Transition

Ordering Information	
Telephone	303-987-8000 Ext. 10040
Fax	406-585-9219
Email	bozcustserv@mesalabs.com

We understand that our clients have different needs based upon their quality system requirements or standard operating procedures. Because of this, if there is something specific that is required, such as completion of specific forms or documents, samples, etc... please do not hesitate to let us know.

Thank you for being a valued customer and we look forward to continuing to serve you.

If you have any questions, please don't hesitate to contact us.